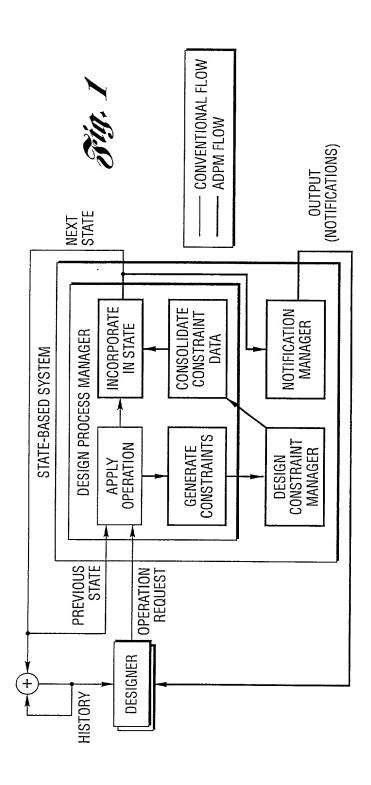
Application Serial No.:

First Named Inventor: Juan-Antonio Carballo, et al. / Atty. Docket No.: UOM 0246 PUS

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Title: Method And System For Providing Constraint-Based Guidance To A Designer In A Collaborative Design Environment

First Named Inventor: Juan-Antonio Carballo, et al.

Application Serial No.:

/ Atty. Docket No.: UOM 0246 PUS

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Domain: Amplifier+Mixer	
Object name: LNA+Mixer	
Version number: 1.0.1 (current)	
Diff-pair-W String AbstractionLev Consistent values: (2.500000 3.698225)	AbstractionLevels: Transistor, Geometry (2000 3.698225)
Freq-ind String AbstractionLev Consistent values: (0.174255 0.500000)	AbstractionLevels: Transistor, Geometry
LNA-gain String AbstractionLevels: Consistent values: (51, 121929, 181, 420120)	AbstractionLevels: Geometry
LNA-power String AbstractionLevels: (Consistent values: (164 438431 200 000000)	AbstractionLevels: Geometry
LNA-Zin String AbstractionLevel: (50 00000 73 964500)	AbstractionLevels: Geometry
Done	View Create New Version



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Constraint/Argument Status/Value ► MaxLNA-P-C11 Consistent ► TotalGain-C12 Consistent ► LNA-Zin-C9 Consistent ► LNA-Rower-C7 Consistent LNA-Power-C7 Consistent LNA-Zin-C9 Consistent LNA-Mixer ► LINA-Zin-C9 Consistent LNA-Mixer ► LNA-Qin-C10 Consistent LNA-Mixer ► LNA-Again-C10 Consistent LNA-Mixer ► LNA-Again-C10 Consistent ▼ Free-ind13 2 cno value assigned> LNA+Mixer ▼ Free-ind14 3 2 cno value assigned> LNA+Mixer	Constraints and properties for problem:	· ·	Design a Amplifier+Mixer at the Geometry level
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Consistent Se	-req-ind13 2	<no assigned="" value=""></no>	- LNA+Mixer
	LNAGain-C10	Consistent	
			▲ 在 多
	Close		View property history



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Constraints and properties for problem:		Design a Amplifier+Mixer at the Geometry level	netry level
CONSTRAINTS			
►LNA-Zin-C9	Violated Violated		* 1
ceiver-gain16	32		
▼ P.LNA-gain12	<no assigned="" value=""> [48.000000 48.000000] </no>	cno value assigned> 48.000000 48.000000] required by LNAGain-C10	
▼ P.Insertion-loss6	<pre><no assigned="" value=""> [-19.121931 -19.121931</no></pre>	sno value assigned> -19 121931 -19 1219311 required by Filterl oss-C4	
► LNAGain-C10	Consistent		(1.25°)
LINAPOWER-C/	Consistent		
PROPERTIES			
Property/Constraint # c's	Value/Status	<u>Object</u> Connect	Connected violations
► P.Diff-pair-W6	2.5	LNA+Mixer 2	
► P.LNA-power9 2	<no assigned="" value=""></no>	LNA+Mixer	
► P.LNA-Zin10 2	<no assigned="" value=""></no>	LNA+Mixer 1	
► P.MinLNA-Zin11 1	40	LNA+Mixer 1	
P.LNA-gain12 2	<no assigned="" value=""></no>	LNA+Mixer 1	· ·
► P.Freq-ind13 2	0.2	LNA+Mixer 1	
► P.MaxLNA-power14 1	200	LNA+Mixer	
► P.Maxfreq-ind15 1	0.5	LNA+Mixer	.
Close		View property history	

